

SUGARCANE GROWTH MEASUREMENT DATA
USDA-ARS, SRRC, SUGARCANE RESEARCH UNIT
ARDOYNE FARM, HOUma, LOUISIANA

Growth Measurement No. 21

Growth from 8/16/06 to 8/23/06

Average growth (inches) this week Plant-Cane

LCP 85-384.....	3.70
Ho 95-988	1.75
HoCP 96-540.....	4.45
L 97-128	3.80

Average growth (inches) this week 1st-Stubble

LCP 85-384.....	4.85
Ho 95-988	3.95
HoCP 96-540.....	5.75
L 97-128	4.50

Average height (inches) to date Plant-Cane

LCP 85-384.....	95.55
Ho 95-988	91.90
HoCP 96-540.....	110.40
L 97-128	112.45

Average height (inches) to date 1st-Stubble

LCP 85-384.....	93.90
Ho 95-988	94.20
HoCP 96-540.....	93.30
L 97-128	107.40

Average height in inches

YEAR	LCP 85-384		HoCP 96-540	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2006	95.6	93.9	110.4	93.3
2005	84.0	83.6	82.6	90.9
2004	86.2	92.7	98.0	95.8
2003	85.4	85.4		
2002	88.9	86.8		
2001	93.2	91.0		
2000	97.4	98.5		
1999	100.3	95.3		
1998	91.6	108.1		
1997	90.7	93.7		

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
Min	9.0	10.5	9.7	72.7
Max	25.8	21.0	17.3	96.6
Mean	17.0	16.1	15.1	81.0

Rainfall total for week (inches).....1.44"

Rainfall total for year (inches).....30.21"

*Temperature, rainfall records, and soil moisture from Ardoyne Farm.
Soil moisture ranges from 0 cbars (saturated) to 200 cbars (dry).